

ABSTRACT

5 A knee brace is provided having upper and lower arms and a hinge assembly
positionable about the knee to one side of the patella. The hinge assembly has a hinge
pivot and a tension strap lever. The upper and lower arms and tension strap lever are
each rotatable about the hinge pivot. A compression member is positioned in
engagement with the knee on the opposite side of the patella from the hinge assembly
and a tension strap engages the compression member and is connected to the tension
strap lever. The tension strap applies a tension force to the compression member
which increases when the upper and lower arms and tension strap lever rotationally
10 transition from a flexion position to an extension position and decreases when the
upper and lower arms and tension strap lever rotationally transition from the extension
position to the flexion position.